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MAR 28 2006

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24574 7590 12/29/2005

JEFFER, MANGELS, BUTLER & MARMARO, LLP
1900 AVENUE OF THE STARS, 7TH FLOOR
LOS ANGELES, CA 90067

03/29/2006 HDEMSS2 00000074 100440 10650268

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Melody Y. Green

(Depositor's name)

(Signature)

(Date)

March 28, 2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,268	08/28/2003	Anthony Grillo	63K33-5034	6610

TITLE OF INVENTION: ROLLER CONE BITS WITH WEAR AND FRACTURE RESISTANT SURFACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/29/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
NEUDER, WILLIAM P	3672	175-426000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
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2. For printing on the patent front page, list
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Jeffer Mangels Butler &
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Smith International, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Houston, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☒ Publication Fee (No small entity discount permitted)
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- ☐ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Grant T. Langton

Date

March 28, 2006

Registration No.

39,739

Typed or printed name

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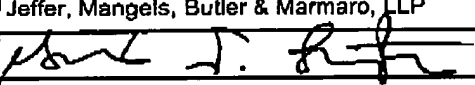
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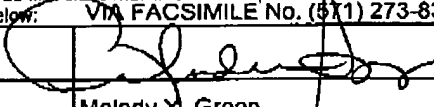
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/650,268	
	Filing Date	08/28/2003	
	First Named Inventor	Anthony GRIFFO	
	Art Unit	3672	
	Examiner Name	William P. Neuder	
Total Number of Pages in This Submission	3	Attorney Docket Number	63833-5034

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Issue Fee Fee Transmittal Form PTOL-85 <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Authorization to Charge Deposit Account No. 10-0440
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Jeffer, Mangels, Butler & Marmaro, LLP		
Signature			
Printed name	Grant T. Langton		
Date	March 28, 2006	Reg. No.	39739

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Signature			
Typed or printed name -	Melody Y. Green	Date	March 28, 2006

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